COVERAGE NAME: LANDCOV

COVERAGE AREA: Statewide, County

RELATED TABLES:
/tables/landcov/verta.dbf
/tables/landcov/vertb1.dbf
/tables/landcov/vertb2.dbf
/tables/landcov/vertb3.dbf
/tables/landcov/vertb4.dbf
/tables/landcov/vertm1.dbf
/tables/landcov/vertm2.dbf
/tables/landcov/vert2.dbf

COVERAGE DESCRIPTION: Landcov is a polygon coverage depicting land cover types which include vegetation, habitat and land uses as derived from Thematic Mapper Imagery. This layer is the land-cover/land use data compiled for the California Gap Analysis Project. It contains vegetation attributes for landscape scale map units, including canopy dominant species, canopy density, presence of regional endemic species, and inclusion of wetland habitats. Although polygons are classified into several schema (California Natural Diversity Data Base or "Holland" system, California Wildlife Habitat Relationships habitat types), data on presence of dominant canopy species are provided to allow customized classifications to meet a user's needs.

For complete metadata see: http://www.biogeog.ucsb.edu/projects/gap/data/meta/landcovdd.html

VITAL STATISTICS:

Datum:	NAD 83
Projection:	Albers
Units:	Meters
1st Std. Parallel:	34 00 00 (34.0 degrees N)
2nd Std. Parallel:	40 30 00 (40.5 degrees N)
Longitude of Origin:	-120 00 00 (120.0 degrees W)
Latitude of Origin:	00 00 00 (0.0 degrees)
False Easting (X shift):	0
False Northing (Y shift):	-4,000,000
Source:	University of California Santa Barbara Biogeography Lab
Source Media:	Thematic Mapper Imagery
Source Projection:	Albers
Source Units:	n/a
Source Scale:	
Source of Updates	Vector coverage of Thematic Mapper Imagery
Conversion Software:	ARC/INFO
Data Structure:	Vector
ARC/INFO Coverage Type:	Polygon
ARC/INFO Precision:	Double
ARC/INFO Tolerances:	123 meter fuzzy
Number of Features:	21,172 polygons statewide
Layer Size:	56 MB
Data Updated:	January 2001

DATA DICTIONARY:
File Name: LANDCOV.PAT

RECORD LENGTH: 136

Non-standard POLYGON attribute fields:

COLUMN	ITEM NAME	WIDTH	OUTPUT	TYPE
25	REGION	3	3	C
28	WHR1	3	3	C
31	CROWN1	1	1	I
32	WHR2	3	3	C
35	CROWN2	1	1	I
36	WHR3	3	3	C
39	CROWN3	1	1	I
40	WHRWET	9	9	I
49	CNDDB1	5	5	C
54	PCT1	1	1	I
55	CNDDB2	5	5	C
60	PCT2	1	1	I
61	CNDDB3	5	5	C
66	PCT3	1	1	I
67	SP1A	5	5	I
72	SP1B	5	5	I
77	SP1C	5	5	I
82	SP2A	5	5	I
87	SP2B	5	5	I
92	SP2C	5	5	I
97	SP3A	5	5	I
102	SP3B	5	5	I
107	SP3C	5	5	I
112	SPWA	5	5	I
117	SPWB	5	5	I
122	SPWC	5	5	I
127	SPSA	5	5	I
132	SPSB	5	5	I

REGION Jepson biophysical region of California

WHR1 Primary WHR habitat type

CROWN1 WHR canopy closure class of primary habitat type

WHR2 Secondary WHR habitat type

CROWN2 WHR canopy closure class of secondary habitat type

WHR3 Tertiary WHR habitat type

CROWN3 WHR canopy closure class of tertiary habitat type

WHRWET Presence or absence of 9 WHR wetland habitats

CNDDB1 California Natural Diversity Data Base ("Holland") natural communities classification code of primary type

PCT1	Proportion of polygon covered by primary cover type
CNDDB2	California Natural Diversity Data Base ("Holland") natural communities classification code of secondary type
PCT2	Proportion of polygon covered by secondary cover type
CNDDB3	California Natural Diversity Data Base ("Holland") natural communities classification code of tertiary type
PCT3	Proportion of polygon covered by tertiary cover type
SP1A	Code for co-dominant species in cover type covering the largest fraction of the polygon (primary type)
SP1B	Code for co-dominant species in primary cover type
SP1C	Code for co-dominant species in primary cover type
SP2A	Code for co-dominant species in cover type covering the second largest fraction of the polygon (secondary type)
SP2B	Code for co-dominant species in secondary cover type
SP2C	Code for co-dominant species in secondary cover type
SP3A	Code for co-dominant species in cover type covering the third largest fraction of the polygon (tertiary type)
SP3B	Code for co-dominant species in tertiary cover type
SP3C	Code for co-dominant species in tertiary cover type
SPWA	Code for most widespread canopy species in the wetland portion of the polygon
SPWB	Code for second most widespread canopy species in the wetland portion of the polygon
SPWC	Code for third most widespread canopy species in the wetland portion of the polygon
SPSA	Code for a species of special concern either because it is narrowly endemic, threatened or endangered that is present in the polygon
SPSB	Code for a species of special concern either because it is narrowly endemic, threatened or endangered that is present in the polygon

DATA DICTIONARY:

File Name: VERT.LUT
RECORD LENGTH: 650
NUMBER OF ITEMS 646
NUMBER OF RECORDS 21165

This dataset contains ratings of the suitability of habitat for the predicted distributions of 455 native terrestrial vertebrate species in California. The purpose of the vertebrate species maps developed for gap

analysis is to provide more precise information about the current distribution of individual native species within their general ranges than is generally available from published range maps. Besides gap analysis, the predicted terrestrial vertebrate species distributions may be used to answer a wide variety of management, planning, and research questions relating to individual species or groups of species. The data are contained in an ASCII text file where the rows are the map units (or polygons) of the CA-GAP land-cover map and the columns represent the 455 terrestrial vertebrate species modeled by GAP. The values in the table are the rating of the habitat quality and extent in each land-cover polygon.

This table can be displayed in map form in ARCVIEW by joining it to the polygon attribute table of the land-cover map, using the polygon-id as the common item.

For inclusion in the shapefile library, and because of the limit on number of items allowed in the conversion of vert.lut from info to dbase format, it was necessary to divide vert.lut's 650 items into eight files. The relate item in each is POLY-ID.

Dbase file	Items
VERT_A	A001-A046
VERT_B1	B001-B146
VERT_B2	B148-B287
VERT_B3	B288-B408
VERT_B4	B409-B991
VERT_M1	M001-M093
VERT_M2	M094-M186
VERT_R	R002-R077

See: http://www.biogeog.ucsb.edu/projects/gap/data/meta/vert-meta.html